Ecology

Species

Population

Community

Ecosystem

Habitat

Niche

Predation – Adaptations of predator, Adaptations of prey

Herbivory – Grazer, Granivore, Frugivore

Adaptations of grazers

Carnivore

Omnivore

Symbiosis: mutualism, commensalism, parasitism (endoparasite, ectoparasite)

Autotroph / producer (chemosynthesis / photosynthesis)

Heterotroph / consumer

Decomposer

Detritivore

Trophic Pyramids

Trophic level: 1st level, 2nd level, 3rd level are they producers or consumers are they herbivores or, carnivores, or omnivores (or decomposers).

Food chain

Food web

Biomass

Energy transfer

Interspecific Competition

Mortality rate

Birth rate

Gause’s Competitive Exclusion Principle

resource partitioning

Coevolution

Plant defenses again herbivores

Animal defenses against carnivores: Passive - Active

Cryptic coloration

Deceptive markings

Chemicals

Mechanical defenses

Mimicry: Batesian Mimicry- vs. Müllerian mimicry

Ecological Succession :Know the steps

Primary Succession

Secondary succession

climax community